





## **FIRE-RETARDANT AND ANTIARC-TRACKING GLASS FIBER REINFORCED POLYAMIDE COMPOSITION**

**Publication number:** JP59189165  
**Publication date:** 1984-10-26  
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**Classification:**  
- **International:** **C08K3/38; C08K13/02; C08K3/00; C08K13/00; (IPC1-7): C08J5/24; C08K3/00; C08K3/22; C08K3/38; C08K5/34; C08K7/14; C08L77/00**  
- **European:** C08K3/38; C08K13/02  
**Application number:** JP19840048272 19840315  
**Priority number(s):** GB19830007407 19830317

**Also published as:**

 EP0122699 (A2)  
 US4552912 (A1)  
 EP0122699 (A3)  
 EP0122699 (B1)

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Abstract not available for JP59189165  
Abstract of corresponding document: **US4552912**

A glass-reinforced, fire-retardant, arc-track resistant polyamide composition characterized in that it contains: (a) at least 35% by weight of a fibre-forming polyamide, (b) 15% to 30% by weight of glass fibres or particulate fillers, (c) 17.5 to 27.5% by weight of melamine or melamine cyanurate, (d) 1 to 10% by weight of brominated fire retardants selected from a brominated polyphenylene oxide or a brominated epoxy resin, and (e) a synergist selected from zinc oxide, zinc borate, a mixture of zinc oxide and zinc borate and a mixture of antimony oxide and zinc borate, wherein the concentration of oxide present in the synergist is between 0 and 5%, the concentration of borate present is between 0 and 25% by weight, and the total weight of synergist is at least 1%, the weight percentages of the constituents (a), (b), (c), (d) and (e) totalling 100%.

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